

19979724.ba ba-por01.578 ba-por01.579
>1578
>From owner-boatanchors@theporch.com Wed Jul 23 00:03 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id AAA28297
> for <SHIMSHON@URO.THEPORCH.COM>; Wed, 23 Jul 1997 00:03:30 -0500 (CDT)
>Received: from sco.theporch.com (localhost [127.0.0.1])
> by sco.theporch.com (8.8.7.Beta2/SCO-5.0.2-anti-spam) with SMTP id FAA12324;
> Wed, 23 Jul 1997 05:02:21 GMT
>Message-Id: <199707230502.FAA12324@sco.theporch.com>
>Date: Wed, 23 Jul 1997 00:02:21 CDT
>Sender: owner-boatanchors@theporch.com
>From: boatanchors@theporch.com
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: BOATANCHORS digest 1578
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__869633957434816978"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: 0

BOATANCHORS Digest 1578

Topics covered in this issue include:

- 1) 75A2A OR 7A5A3
by "Herendeen, Robert" <Robert.Herendeen@sci.siemens.com>
- 2) F/S Sixer is a 10
by MNHopkins@aol.com
- 3) FS: Milspec 28v relays
by Billy Wiggins <bwiggg@worldnet.att.net>
- 4) SX-42 Help please!
by DCrespy@aol.com
- 5) Help with parts for RA-17L
by Richard Brisson <hagelin@magi.com>
- 6) Non-Polarized Electrolytic Capacitors
by "Barry L. Ornitz" <ornitz@tricon.net>
- 7) Lindsay Publications and Regenerative Recievers
by Chris Lamousin <chrisl@netdoor.com>
- 8) Re: Great Parts Catalog...
by Tom Kelly <tjkelly@apk.net>
- 9) Help Identify
by Gary Harmon <gharmon@txdirect.net>

Date: Tue, 22 Jul 1997 18:30:42 -0700
From: "Herendeen, Robert" <Robert.Herendeen@sci.siemens.com>

To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>
Subject: 75A2A OR 7A5A3
Message-ID: <c=US%a=MCI%p=SCN%l=CYCLOPS-970723013042Z-30590@SCID.sci.siemens.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

>
>I am in the process of trying to understand why my 75A2A, which is an
>early 75A2 with the added mechanical filter box, has such a narrow range
>of sensitivity from the gain control on CW. I have gone through the
>schematic and various updates for the 75A2 and notice that the AVC
>circuit slowly changed from the original. I have calculated voltage
>values and measured components and voltages and everything seems to
>match.
>What I would like to know is whether anyone else has noticed this on
>early versions of the 75A2 and does anyone have a schematic of the 75A3
>that I could get.
>Thanks,
>
>Bob Herendeen/W6JZR
>Los Altos, Ca.

Date: Tue, 22 Jul 1997 21:38:11 -0400 (EDT)
From: MNHopkins@aol.com
To: boatanchors@theporch.com
Cc: smirk@qsl.net, OTRIG@fablotz.min.net
Subject: F/S Sixer is a 10
Message-ID: <970722213726_785079723@emout10.mail.aol.com>

I was startled when I took this HW-29A Heathkit Sixer out of the box. I was told it was "super clean," but in fact it is museum quality. I can find no flaw save some brown wrinkle paint scraped off on the left side, about the size of a match head. It is clearly a 10.

It works on TX and RX but must have spent its life on a shelf as only the original Turner microphone shows any wear at all. The AC cord is as clean as the rig and it does not appear that the DC cord has ever been used at all.

I packaged each separately and wrapped the rig in plastic. Even the manual is clean -- no marks at all save a name and call written in pencil. Perhaps this Sixer was factory assembled? In any case, the plastic cover over the license holder in on the right is there -- the first I have ever seen.

I have no qualm at asking \$50 for this rig and I cheerfully guarantee it to

be at least as clean as I portray it.

MNHopkins@AOL.com

Michael Hopkins, AB5L, SMIRK #3002

Date: Tue, 22 Jul 1997 14:28:57 +0000
From: Billy Wiggins <bwiggg@worldnet.att.net>
To: boatanchors@sco.theporch.com
Subject: FS: Milspec 28v relays
Message-ID: <19970722142856.AAA20126@BWIGG>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have for sale some Gould/Allied Signal Milspec DPDT 28v sealed relays. Brand new in govt sealed packs. Sorry no other specs available. Enclosed in sealed metal can with two mounting holes and has 8 wire leads, approximate size is 1"x.5"x.5". I have found many uses for these hearty relays. I found these while searching for a relay to switch the sideband filters in my PRC-47. I liked them so much, I bought them all to share with others.

Due to the low cost, I'm selling them in lots of 10. That's 10 relays for \$13 which includes shipping via mail.

Due to problems in the past, I prefer payment by postal money order. NO COD's. Personal checks are OK. But please allow a few days for them to clear.

73's

WA4GKI
Billy
Albany, Ga

Date: Tue, 22 Jul 1997 21:45:00 -0400 (EDT)
From: DCrespy@aol.com
To: boatanchors@sco.theporch.com
Subject: SX-42 Help please!
Message-ID: <970722214312_104950967@emout14.mail.aol.com>

I have done a few boatanchor restorations before, but none where I did such a complete restoration as this. BIG frustration now. After fixing virtually everything that was wrong with this receiver, it went dead on the final trial before putting it in the freshly painted cabinet. The problem is clearly in

the stages before the grid of the HF mixer (a short wire here produces signals). I have looked for most obvious problems, but the band switching scheme is tough to decipher from the Sams Photofact I have for the radio.

Any tips?.. At least a recommendation or two on manual sources, especially a service manual, if it is separate from the book that came with the set??

Thanks in advance,

Harry KG5LO
Saline MI

Date: Tue, 22 Jul 1997 21:34:43 -0400
From: Richard Brisson <hagelin@magi.com>
To: boatanchors@theporch.com
Subject: Help with parts for RA-17L
Message-ID: <3.0.1.32.19970722213443.006f3034@magi.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all -

Thanks to Gary Gleicher (K2ZSZ), I now have the cover for my Racal RA-17L. I must say he did an outstanding job with the packaging of that cover. I thought no one could outdo Don Merz in terms of totally secure packaging, but Gary did accomplish that feat !

Now if anyone has the SK10 and PL10 (I am fairly certain of these part designators from the manual) insert/selector knobs for the mains adjustment area in the rear bottom left (when looking at it from the rear of the RA-17L), I would be most interested in hearing from you. Getting these selector knobs would pretty well complete the job for this unit.

73,

Richard Brisson

P.S. Still interested in almost anything cryptographic (books, manuals, rotors, and yes, especially crypto-boatanchors !).

Date: Tue, 22 Jul 1997 22:21:15 -0400
From: "Barry L. Ornitz" <ornitz@tricon.net>
To: "Boatanchors Mailing List" <boatanchors@sco.theporch.com>
Cc: "Barry L. Ornitz" <ornitz@tricon.net>
Subject: Non-Polarized Electrolytic Capacitors
Message-ID: <199707230226.WAA18377@tricon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

There has been quite a bit of discussion lately on non-polarized electrolytic capacitors on Boatanchors. Some of the suggestions for replacing these capacitors with conventional polarized electrolytics have been unworkable at best. Some severe time constraints lately have kept me from posting, so I apologize to the list for being slow in posting this. BTW, print this is a non-proportioned font for the ASCII schematics to look half-way reasonable.

The best way to start this discussion is to explain how conventional electrolytic capacitors work. Once you understand this, the explanation of non-polarized electrolytics is much easier. Rather than repeat this here, since I wrote about it last December, I had Jack place a file in the archives called "electrolytic.basics". If you have not read this before, please do so before reading this note. Even if you have read it before, read it again! Everyone here needs the practice in using the BA Archives.
:-)

In conventional electrolytic capacitors, the anode foil (the plus side, the side upon which the oxide film grows) is normally "formed" before the capacitor is even wound. [Read the archive file to make sense of this.] After the capacitor is assembled (anodic oxide covered foil, cathodic solution, and bare foil contact to the solution), the capacitor is generally "re-formed" to repair any minor damage in the manufacturing process. This is also why old electrolytics can often be re-formed to operate like new.

In a non-polar electrolytic, both foils are pre-formed before the capacitor is wound. One foil is covered with the separator, which is saturated in the electrolyte solution and then the other foil is added on top. Both oxide layers face inward in contact with the electrolyte solution. The stack is then rolled up and packaged. NO re-forming is possible with a non-polarized electrolytic (unless you want to use it as a DC capacitor). The voltage rating is entirely dependent on the initial forming of the foils and is reduced by any damage done while assembling the capacitor. The result is actually TWO conventional electrolytic capacitors in series.

---Foil/Anodic Film---Cathodic Electrolyte---Anodic Film/Foil---

$$\begin{array}{c}
 + \qquad + \\
 \text{---| (---) |---}
 \end{array}$$

If the anodic films are damaged by hydrolysis (a gradual process) or over-voltage (catastrophic), the non-polar electrolytic is destroyed.

So... Scott Robinson's suggestion of two conventional electrolytics back-to-back is, in reality, exactly what is inside a non-polar electrolytic. However, electrolytic capacitors are rarely high tolerance devices. Matching a pair is difficult and they really need to be the same capacitance.

When reverse voltage is placed across an electrolytic capacitor, the anodic film is chemically destroyed. Reverse voltages of less than a volt or so are usually tolerated well. So to protect the capacitors from reverse voltage when not exactly matched, it is a good idea to use back to back diodes as suggested by Herb Rosenthal, W5AN.

[However, two back-to-back electrolytics really DOES make a non-polarized electrolytic.] It really makes no difference if the two cathodes or two anodes are connected together as long as the diode polarity is correct.

$$\begin{array}{c}
 \text{-----x----->|-----x-----|<-----x} \\
 | \qquad + \qquad | \qquad + \qquad | \\
 \text{x-----)|-----x-----| (-----x-----}
 \end{array}$$

Bob Roehrig, K9EUI, was worried about distortion with this suggestion. He is correct, but non-polarized electrolytics should NEVER be called on for low-distortion.

_ALL_ELECTROLYTIC_CAPACITORS_BEHAVE_AS_RECTIFIERS_TO_SOME_EXTENT_.

In this circuit, the diodes will allow the capacitors to charge to about 71% of the peak voltage across the network, thereby keeping a proper bias on the capacitors. There will be some distortion involved with the diode's conduction but this occurs mainly during the first cycle of the AC applied. [In the above schematic, during the positive swing of the input (left), the right capacitor will charge to the peak positive voltage. During the negative swing, half the charge will be passed to the left capacitor.]

Ed Tanton, N4XY, suggested an alternative way of connecting the diodes. This is my understanding of what he suggested:

$$\begin{array}{c}
 + \\
 \text{-----x----->|-----| (-----x} \\
 | \qquad \qquad \qquad + \qquad |
 \end{array}$$

x-----|<-----)|-----x-----

I am surprised that no one suggested a bridge arrangement as an alternative to this. This one needs only ONE capacitor and since modern silicon diodes are cheaper than capacitors today...

```

-----x----->|-----x-----|<-----x
      |               | +               |
      |               =               |
      |               |               |
x-----|<-----x----->|-----x-----

```

Actually neither one of these work!

Think about it a little. In both cases, the capacitor(s) charge but then they essentially no longer pass current. Likewise, they have no way to discharge. It is fine to store energy in a capacitor, but you have to have some way of getting that energy back out for the capacitor to be useful. [In respect to Ed, though, if there were such a thing as a polarized inductor, his method of connection would be correct. This might be approximated by an inductor having a permanently magnetized core.]

So if you really need a non-polarized electrolytic, buy one or buy a motor starting capacitor. Just remember that non-polarized electrolytics really are NOT designed for AC use. They are for DC circuits whose polarity might change OCCASIONALLY. In intermittent use, like the motor starting capacitors, using them with AC might be OK. Just expect them to eventually fail.

For critical applications use real non-electrolytic capacitors. They are big and bulky but they work. For audio, avoid the non-polarized electrolytics wherever you can. Adding diodes can protect the capacitors a little and they really add little to the distortion that is already present in electrolytic capacitors.

So folks, use the Archives. And maybe this post will eventually wind up there too.

73, Barry L. Ornitz WA4VZQ ornitz@tricon.net

Date: Tue, 22 Jul 1997 21:51:12 -0500
From: Chris Lamousin <chrisl@netdoor.com>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Lindsay Publications and Regenerative Recievers
Message-ID: <33D5719E.6B996DAF@netdoor.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow. I didn't realize that this would arouse such interest. Lindsay's URL is <http://www.keynet.net/~lindsay>. The book that I'm referring to is Secrets of Homebuilt Regenerative Recievers by C.F. "Rock" Rockey. I have just gotten my Tech Plus License and am working up to 13wpm. I am at least as interested in the circuitry as in actually transmitting, possibly more. I have also developed an interest in hollow state. Rockey's book helped me to understand Rxr circuitry for the first time. It helped me to get my feet wet. He mentioned on page 28 that regens can also be used at a transmitter since in it's heyday it produced a very pure current compared to an alternator. I wrote MR. Rockey, W9SCH, and he told me that in his youth he and his peers often just "connected a telegraph key in series with the plate supply voltage and use a regenerative reciever as a CW, radiotelegraph transmitter." He also cautioned me against trying such today. He also recommended the 1934 Official Short Wave Radio Manual by Hugo Gernsback. I doubt that I'll write him again since writing is difficult for him, but I do appreciate his reply. I also think that Lindsay might also have some other books that are of interest, such as a pamphlet on how to build a coil winder. Hope this helps,
Chris
KD5AXK

Date: Tue, 22 Jul 1997 23:34:11 -0400
From: Tom Kelly <tjkelly@apk.net>
To: boatanchors@theporch.com
Subject: Re: Great Parts Catalog...
Message-ID: <33D57BAA.9C718BC4@apk.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I used the toll-free number (800-877-0072) to call Tech America to request a catalog. The operator told me that they plan to issue two or three more catalogs this year, then issue a huge 900 page one in February. Should be interesting to see.

Tom

--

Tom Kelly
Novelty, Ohio (east of Cleveland)

mailto:tjkelly@apk.net

Date: Tue, 22 Jul 1997 23:53:04 -0500
From: Gary Harmon <gharmon@txdirect.net>
To: boatanchors@theporch.com
Subject: Help Identify
Message-ID: <3.0.1.32.19970722235304.006bd000@mail.txdirect.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>What is it? Is it used by us hamsters? What it's value?
>
>Collins rack unit; 3.5 by 19 inches; a channel meter (off to 10) on the
>left with a variable pot attached; decibel meter on the right; red and
>green lights; lever switch; telephone dial in the center; 22 labeled screw
>posts on the back; Collins winged emblem; no other distinguishing
>characteristics.
>
>Thanks in advance for your help.
>
>73,
>gary
>

=====
Gary H. Harmon, Jr., K5JWK
6302 Robin Forest
San Antonio, TX 78239-3218
(210) 657-1549
gharmon@txdirect.net

Too Many Projects, Not Enough Time!
Pack Unto Others As You Would Have Them Pack Unto You!

=====

End of BOATANCHORS Digest 1578

>1579

>From owner-boatanchors@theporch.com Wed Jul 23 20:03 CDT 1997

>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])

> by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id UAA29512

> for <SHIMSHON@URO.THEPORCH.COM>; Wed, 23 Jul 1997 20:03:31 -0500 (CDT)

>Received: from sco.theporch.com (localhost [127.0.0.1])

> by sco.theporch.com (8.8.7.Beta2/SCO-5.0.2-anti-spam) with SMTP id BAA08150;

> Thu, 24 Jul 1997 01:02:51 GMT

>Message-Id: <199707240102.BAA08150@sco.theporch.com>

>Date: Wed, 23 Jul 1997 20:02:51 CDT

>Sender: owner-boatanchors@theporch.com

>From: boatanchors@theporch.com

>To: Old Tube Radios <boatanchors@theporch.com>

>Subject: BOATANCHORS digest 1579

>Mime-Version: 1.0

>Content-Type: multipart/mixed; boundary="--

__ListProc__NextPart__869706167434853083"

>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN

>Status: 0

BOATANCHORS Digest 1579

Topics covered in this issue include:

- 1) Wanted: HRO-60 part
by WJoew@aol.com
- 2) Re: RT-68 and GRR-5 help
by "Mark J. Blair" <mblair@gruumsh.irv.ca.us>
- 3) WTB: Drake T-4XB or C
by ARONGV@aol.com
- 4) Octal style mercury wetted relays
by Raymond Cote <cote@lepton.soest.hawaii.edu>
- 5) My list of BA frequencies
by "Mark Shaum" <mashaum@fcg.net>
- 6) Very cool Web Page
by Bill Meara <wmeara@erols.com>
- 7) Need SX-28 Parts
by Gary Harmon <gharmon@txdirect.net>
- 8) FS: NIB Amperite 4H4C ballast
by eb5agv@ctv.es
- 9) Re: My list of BA frequencies
by "Roberta J. Barmore" <rbarmore@indy.net>
- 10) Need (photo of) BC-779 and RA-84 nametags
by "Jense, G.J. 446/3H06/2-5" <jeng2@fel.tno.nl>
- 11) misc. junkie FS
by "Walter L. Marshall" <wmarshall@CapAccess.org>
- 12) Re. Early Key

- by "Thomas A. Adams" <103360.2133@CompuServe.COM>
- 13) WTB: Pwr Supply for 32S-1
by Ron Thomas <rthomas@gulf.net>
 - 14) FF: Model 15 Teletype
by gc@cen.com (Gary Chatters)
 - 15) "Gooney Bird/Box"????
by Eugene Rippen <soundval@foothill.net>
 - 16) BC-189
by dgnova <dgnova@erols.com>
 - 17) Hollow State 8 Silicon 0
by George McCrary <geo@ipass.net>
 - 18) Now, what about resistors?
by Jeffrey Herman <jeffreyh@hawaii.edu>
 - 19) Re: Now, what about resistors?
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
 - 20) price spottings at MAARC meeting
by John Shriver <jas@shiva.com>
 - 21) Enigma / Hagelin encryption devices wanted
by Jeffrey Herman <jeffreyh@hawaii.edu>
 - 22) RE URM-25D signal generator
by JONWEINER@aol.com
 - 23) Manuals, Cabinets WTB
by don merz <71333.144@CompuServe.COM>
 - 24) Re: "Gooney Bird/Box"????
by Sandy W5TVW <ebjr@worldnet.att.net>
 - 25) More stuff FS
by "Walter L. Marshall" <wmarshal@CapAccess.org>
 - 26) Re MAARC price spotting
by dgnova <dgnova@erols.com>
 - 27) Viking Ranger Paint
by n4js@qsl.net
 - 28) SRR12 Note
by laffitte@prtc.net (laffitte)
 - 29) I buy or you buy
by "Walter L. Marshall" <wmarshal@CapAccess.org>
 - 30) For BA, not all #55 are equal
by provero@connix.com
 - 31) Gonset G50 FS
by kb5ww@juno.com (George Folse)

Date: Wed, 23 Jul 1997 01:16:04 -0400 (EDT)
From: WJoeW@aol.com
To: boatanchors@theporch.com
Subject: Wanted: HRO-60 part
Message-ID: <970723011603_1347395406@emout01.mail.aol.com>

I recently purchased a very nice HRO-60 which had been modified by Bell Labs to function as part of a Phase Sensitive Detector setup.

The modifications were well documented (which I have) and were mostly pretty modest and mostly reversable.

However, one physical chunk of the chassis has been removed (I don't think this was part of the mod---someone may have needed it for his HRO!). I need to find one.

It is the rectangular can marked "T-11" in the HRO-60 manual. It is the CW OSC can and contains the BFO oscillator coil L-16, plus R-32, C-116, and C-117. I need to try to find one, if possible, or make one.

If anyone has a parts unit or knows of someone who may, I would certainly appreciate some help in finding this part.

Thanks, and happy BA'ing.

Joe
W5WBR

Date: Tue, 22 Jul 1997 23:49:33 -0700
From: "Mark J. Blair" <mblair@gruumsh.irv.ca.us>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: RT-68 and GRR-5 help
Message-ID: <199707230649.XAA04909@gruumsh.irv.ca.us>

SBJohnston@aol.com wrote:

> I need a copy of the schematic for the RT-68 transceiver, and a couple
> connectors to mate with the power input jack on the matching PP-112 power
> supply. These are 4-pin male screw-clamp types.

The RT-68 schematic is available on the Mil List web page (though it's pretty blurry). Maybe that'll hold you over until you can find an original manual:

<http://telalink.net/~badger/millist/index.html>
<http://telalink.net/~badger/millist/sch/rt-68-1.gif>
<http://telalink.net/~badger/millist/sch/rt-68-2.gif>

I power mine with a CX-2031 cable from Fair Radio. I don't know if

they currently have them in stock. The cable is made for the AM-598, and I needed to modify it for use with my AM-65/RT-70 (I don't remember if the same mod is necessary for the PP-112, and my manuals are currently boxed up...). The problem is that the cable has the two leftmost pins shorted, and the two rightmost pins shorted, but the AM-65 places its plate supply input/output on one of the pins. I needed to disconnect the upper two pins to make the cable work interchangeably with my AM-65, AM-598 and PP-109.

The pins are shorted by thick brass plates, but with some patience and a Dremel tool, the upper two pins can be disconnected without removing them. I first removed as much solder as possible. Next, I cut the shorting straps with a very small ball-shaped cutter in my Dremel tool. Next, I heated and removed the straps from the upper pins, and then carefully flushed all of the brass shavings out of the plug body. Finally, I resoldered the bottom two pins. Using an unmodified CX-2031 with an AM-65 shorts the plate output to one side of the battery (I forget which side, but the end result is the same either way!).

I hope that was helpful...

--

Mark J. Blair KE6MYK
e-mail: mblair@gruumsh.irv.ca.us

Date: Wed, 23 Jul 1997 05:13:31 -0400 (EDT)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Subject: WTB: Drake T-4XB or C
Message-ID: <970723051330_1143502523@emout15.mail.aol.com>

hi Gang:

Seriously looking for a Drake T-4XB or C. Also need a rotor and control to pull a lightweight tri-band beam. Please, best offers only. Don't want to haggle.

Ron W00IZ Kansas City

Date: Wed, 23 Jul 1997 00:01:00 -1000
From: Raymond Cote <cote@lepton.soest.hawaii.edu>

To: majordomo@foothill.net, boatanchors@theporch.com
Subject: Octal style mercury wetted relays
Message-ID: <33D5D65C.D6F@lepton.soest.hawaii.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HI gang!

Have the following for sale also. Mercury wetted contact relays, octal base

C.P. Clare

6 ea HGSX 1001
1 ea HG 1013
2 ea HGS 1013
1 ea HGP 2028
2 ea CRA 1010
1 ea HG 1004
2 ea HG 2A 1-15

The HG relays have 1 switch element capable of carrying 5 amps.
A SPDT I expect.

The HGSX is prob a high speed. I don't know what the HGP or the HGS stands for.

The HG 2A is twice the size of the others, which are about 1.1" in diameter.

They are all octal plug-in as I stated above and I am getting data sheeets from

C.P. Clare in Illinois if anyone wants a data sheet with their relays.

Automatic Electric

2 ea PD-555006-D34 (Series V51) These are DPDT

Western Electric

1 ea 275F no other info on these.
2 ea 275B

All relays are \$15 ea plus shipping, (about a pound for 2 of them)

Raymond Cote
1405 Dominis St #105
Honolulu, HI 96822

75121.100@compuserve.com
cote@lepton.soest.hawaii.edu

Date: Wed, 23 Jul 1997 04:19:26 -0500
From: "Mark Shaum" <mashaum@fcg.net>
To: "Boatanchors Reflector" <boatanchors@theporch.com>
Subject: My list of BA frequencies
Message-ID: <199707230957.EAA27261@mail.fcg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I went over my logs for the last three years, incomplete as they are, and have come up with a set of frequencies where I have often found BA-related roundtables, vintage gear nets and/or general BA qso's. CW and AM modes as applicable.

If I were totally rock bound on 160/80/40, I'd probably be happy with this set to choose from:

1805 1825 1860 1885 1890 1985 1990
3525 3540 3550 3579.5 3870 3880 3885
7020 7040 7050 7060 7190 7195 7290 7295
14286 (never had an AM qso on 20, but I see this oft mentioned)

73! - Mark

Mark Shaum K9TR
mashaum@fcg.net
Central Illinois Grid EN50

Date: Wed, 23 Jul 1997 06:15:20 -0400
From: Bill Meara <wmeara@erols.com>
To: boatanchors@theporch.com
Subject: Very cool Web Page
Message-ID: <199707231017.GAA28257@smtp3.erols.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Heavy metallurgists:

Here is a page for us! This fellow is selling some very interesting books. His Web page contains free excerpts. There are a couple of very nice pages on building Regen receivers. Free catalogs filled with stuff we like!

Check it out!

<http://www.keynet.net/~lindsay/features/index.html>

73 de N2CQR

Bill Meara

QTH: Falls Church, Virginia, USA

Formerly of Tegucigalpa, Bilbao and Santo Domingo

wmeara@erols.com

<http://www.mindspring.com/~johnmb/billm.htm>

Date: Wed, 23 Jul 1997 06:25:24 -0500

From: Gary Harmon <gharmon@txdirect.net>

To: boatanchors@theporch.com, HEATH@LISTSERV.TEMPE.GOV

Subject: Need SX-28 Parts

Message-ID: <3.0.1.32.19970723062524.006a7958@mail.txdirect.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I'm UPSing a SX-28A (I think) to the left coast and it needs a couple of parts. Specifically, the bottom cover, one of the large knobs, and the shaft in the left (viewed from the front) tuning assembly. The present assembly is a little splined shaft that screws into the flywheel. It rotates inside another shaft that is connected to the tuning assembly. Missing (at a minimum) is the part that has the flat side to which the knob mounts. Question? How does the flywheel shaft connect to the end on which the knob mounts? How does that shaft connect to the larger shaft that actually turns the tuning condenser?

Thanks in advance.

73,
gary

=====
Gary H. Harmon, Jr., K5JWK
6302 Robin Forest

San Antonio, TX 78239-3218
(210) 657-1549
gharmon@txdirect.net

Too Many Projects, Not Enough Time!
Pack Unto Others As You Would Have Them Pack Unto You!

=====

Date: Wed, 23 Jul 1997 12:54:44 +0200
From: eb5agv@ctv.es
To: boatanchors@sco.theporch.com
Cc: BAswaplist@foothill.net
Subject: FS: NIB Amperite 4H4C ballast
Message-ID: <3.0.1.32.19970723125444.006c6cac@192.168.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang!

Well, title says it all!. I have a New In Box 4H4C Amperite ballast tube.
The box is in very good shape and the tube has been checked in my Triplet
3444 tube tester.

I know this tube is very hard to find so I want to give all of you,
including digest readers, the opportunity to get it. I'll hear offers until
next friday (25th July) at 23:59 GMT time. Please, tell me the reason you
want it; it should NOT be stored!.

Shipping should be done from Spain; I think \$7 would be fine for it via
airmail, as I want to do a _very_ careful packaging for obvious reasons :-).

Thanks and best regards.

JOSE

73 JOSE V. GAVILA (EB5AGV / EC5AAU)
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

***** PLEASE, VISIT MY HOME PAGE! *****

<http://www.geocities.com/SiliconValley/6992/>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

Date: Wed, 23 Jul 1997 07:06:22 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Mark Shaum <mashaum@fcg.net>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: My list of BA frequencies
Message-ID: <Pine.SUN.3.96.970723070149.25860B-100000@indy1>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

The other 20m freq to add to Mark's list would be the FISTS hangout, 14.058 mc.

I'm following this thread with interest, as I've but two 80m xtals, plus a couple of old "doorknob" jobs for 160; hoping to get some more but at 10W, it's not much use to be on a freq nobody else is! :)

73,
--Bobbi

Date: Wed, 23 Jul 1997 15:25:51 GMT+1
From: "Jense, G.J. 446/3H06/2-5" <jeng2@fel.tno.nl>
To: boatanchors@theporch.com
Subject: Need (photo of) BC-779 and RA-84 nametags
Message-ID: <885620113C2@fel3.fel.tno.nl>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Gang,

in order to be able to complete the cosmetic restoration of my BC-779 (military Hammarlund SP-200/210) and its accompanying RA-84 power supply I need (to make copies of) the military nametags. Assuming that it is impossible to obtain original nametags, I'm planning to make my own. The method is yet to be determined, either the simple approach using dry transfer letters, or the "politically correct (BA-wise)" way of photo-etching. In any case, I'd like to have good quality, clear, photo's or drawings of the original

nametags. Would some owner of a BC-779-A/B and RA-84-A/B perhaps be able to provide these? Thanks in advance for your reply.

-- Hans Jense

```
+-----+
| Dr. G. J. (Hans) Jense      |
|                               |
| Senior Scientist            |
| TNO Physics and Electronics Laboratory |
| P.O. Box 96864              |
| 2509 JG The Hague, The Netherlands |
| Phone   +31 70 374 0275     |
| Fax     +31 70 328 0961     |
| E-mail  jense@fel.tno.nl    |
| URL     http://www.tno.nl/instit/fel/ |
+-----+
```

Date: Wed, 23 Jul 1997 09:40:18 -0400 (EDT)
From: "Walter L. Marshall" <wmarshall@CapAccess.org>
To: boatanchors@theporch.com
Subject: misc. junque FS
Message-ID: <Pine.SUN.3.91-FP.970723090736.4120A-1000000@cap1.capaccess.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Heath test equipment training manuals, 3 ring notebook format,
Freq. Generation and Measurement, Analog and Digital Meters. \$10
for the pair.

Lines, Waves and Antennas, 2nd ed. Brown, Sharp, Huges, Post.
1973, \$5.

RCA Color TV Pict-O-Guide, with box, \$5.

Communication Systems, 3rd ed., 1986, \$5.

Gonset Communicator II, for restoration or parts, \$10.

MFJ 941D, with box, nice condx, \$30.

Knight GDO, no coils, \$5.

Grundig Majestic chassis, rough, free.

GE table radio, Chippendale style cabinet, not working, BC and
SW bands, very restorable, \$15.

Motorola TMN1000A microphone, excellent, w/box and docs, \$15.

EICO 625 tube tester with 2 CRT adapters, well used, working,
\$25.

EICO 320 signal generator, needs caps replaced, \$10.

Heath Electronic Switch, (for O-scope,) nice, \$7.50.

All items, you pay shipping cost.

Thank you,
Walter
Washington, D.C.

Date: 23 Jul 97 12:33:36 EDT
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
To: BOATANCHORS <BOATANCHORS@theporch.com>
Subject: Re. Early Key
Message-ID: <970723163336_103360.2133_JHL62-1@CompuServe.COM>

I'm not into collecting the REALLY early stuff, but I can take a pretty good guess as to the purpose of the auxiliary contacts on your Boston key.

It sounds to me like this thing was meant for CW arc telegraphy, rather than spark.

An arc rig used a chamber which produced a continuous carbon arc in a hydrocarbon atmosphere (obtained from injection of alcohol), even between dots and dashes. Once the arc was struck, key closure connected it to the antenna.

However, opening the key would cause the arc to go out, because of changes in system constants. A sort of dummy load, called I believe, a back shunt, had to be connected in place of the antenna between dots and dashes. The extra contacts accomplished this function.

73's,

Tom, K9TA

Date: Wed, 23 Jul 1997 12:08:24 -0700
From: Ron Thomas <rthomas@gulf.net>
To: boatanchors@theporch.com
Subject: WTB: Pwr Supply for 32S-1
Message-ID: <33D656A8.468C@gulf.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am looking for a power supply for a Collins 32S-1. I think there were a couple of different ones that would work. If you have one you would

like to part with please drop me a line.

Thanks & 73,

Ron Thomas N4RT

Date: Wed, 23 Jul 97 14:06:53 EDT
From: gc@cen.com (Gary Chatters)
To: boatanchors@theporch.com
Subject: FF: Model 15 Teletype
Message-ID: <9707231806.AA07514@cen.com>

I have two Model 15 Teletype machines that I picked up a couple of years ago with the idea of getting them back on the air. It has become clear that I have too many projects and wouldn't get to these for years. They are available free for anyone who would like to come and pick them up.

One has a table and synchronous motor. The other has no table and has a governed motor.

They are located near Greenbelt, Maryland. I would consider meeting someone half way if you have a long ways to travel or I could bring them to a nearby hamfest. Shipping is not an option.

Gary
WA9ZZZ
chatters@acm.org

Date: Wed, 23 Jul 1997 10:26:05 -0700
From: Eugene Rippen <soundval@foothill.net>
To: boatanchors@theporch.com
Subject: "Gooney Bird/Box"????
Message-ID: <33D63EAD.2298@foothill.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What Gonsets were known by the names "Gooney Bird" and "Gooney Box"?

My understanding had been that the Gonsets with the square front faces, which had less depth than they

were tall or wide, were called Gooney Birds.

There has been a discussion off the reflector as to the accuracy of that. It was suggested that the style of the GC-105, etc., which were longer than high, were the ones called Gooney Birds, and the ones with the square front faces were Gooney Boxes.

If you really know let's hear it. Maybe some ex-Gonset employee could settle this?

Gene

Date: Wed, 23 Jul 97 15:16:01 -0700
From: dgnova <dgnova@erols.com>
To: boatanchors@sco.theporch.com
Subject: BC-189
Message-ID: <199707231915.PAA00371@smtp2.erols.com>
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----147071403110919"

This is a multi-part message in MIME format.

-----147071403110919
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

-----147071403110919
Content-Transfer-Encoding: 7bit
Content-Type: text/plain

Wanted: BC-189 or BC-189A with coils.

This receiver predates the BC-348 and uses plug in coils. The tube line up is:

RFstage vt49
mixer vt49
osc vt36
1st if vt49

2nd if vt49
detector vt36
audio vt38

vt49--39/44
vt36--36
vt38--38

Philip McCoy W3SAK dgnova@erols.com

-----147071403110919--

Date: Wed, 23 Jul 1997 15:27:03 -0500
From: George McCrary <geo@ipass.net>
To: boatanchors@sco.theporch.com
Subject: Hollow State 8 Silicon 0
Message-ID: <3.0.16.19970723152452.3fdfb192@ipass.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey Folks,

Next time someone asks you "why tubes?", you can tell them
"Lightening Safe"! My TS-850, Alinco 2 meter rig and most other silicon
holding devices all departed for that great sandbox in the sky last night.

The NC-183, NC-188, HQ-170, HT-32, & KWM2\312B4\516F2 are all fine!
The SX-101A did blow it's main fuse however. The 30L1 has not transmitted,
but it seems to be fine, and it was hooked to the 850!

The only mode I'm off is RTTY, maybe I should think about one of
those Model 19s. Hmmm can you log onto the wit an Eniac.....

73,

George (KQ4QM)

Date: Wed, 23 Jul 1997 10:01:41 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Boatanchors List <boatanchors@sco.theporch.com>
Subject: Now, what about resistors?
Message-ID: <Pine.GS0.3.95q.970723100023.3868A-1000000@uhunix3>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What happens to the composition of a resistor when it ages that would cause a change in its resistance?

73,
Jeff KH2PZ / KH6

Date: 23 Jul 1997 15:17:23 -0500
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
To: boatanchors@sco.theporch.com
Subject: Re: Now, what about resistors?
Message-ID: <1997Jul23.151727-0500@spike.vuse.vanderbilt.edu>
MIME-Version: 1.0

In <Pine.GS0.3.95q.970723100023.3868A-100000@uhunix3>, Jeffrey Herman wrote:
>What happens to the composition of a resistor when it ages that would
>cause a change in its resistance?

The bearings of the electron carriers get rusty and wear out, silly.

What is fairly plain is that aging (synonymous with increase in value) of resistors is exacerbated by heat. Any resistor subjected to dissipation near or over its rating is much more likely to have an excessively high value (like the 2 w plate resistor for the AGC tube of an SX-28, which can dissipate as much as 2.5W. This baby (nominally 27k) is usually about 75k....)

So cooking the carbon ain't good for it.

A. B. Bonds

Date: Wed, 23 Jul 1997 16:27:47 -0400 (EDT)
From: John Shriver <jas@shiva.com>
To: boatanchors@theporch.com
Subject: price spottings at MAARC meeting
Message-ID: <199707232027.QAA26899@shiva-dev.shiva.com>

I was in DC area over the weekend, went to the Mid-Atlantic Antique Radio Club meeting.

At the tailgate, the only prices I remember are:

Hallicrafters SX-24 \$135
Hallicrafters SX-25 \$145

(Or am I getting weak-minded and these are Hammarlund numbers?)

Both looked intact, if a little dusty. The SX-25 was in better condition, the SX-24 case was somewhat scratched. Both had what looked to be fully original knobs. The correct crystal was in both.

Another interesting thing there was a early RCA VTVM (not called Volt-Ohmyst yet?), in original box, with manual, and probes. Still had the Railway Express Agency collect sticker on the outside. I think it was \$25.

Oh, also on another tailgate:

Tektronix 3A9 plugin, w/manual \$30

(Would have been a nice deal, but I already have one.)

Date: Wed, 23 Jul 1997 10:39:09 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: boatanchors@theporch.com
Subject: Enigma / Hagelin encryption devices wanted
Message-ID: <97Jul23.103915hwt.188153(2)@uhunix3.its.Hawaii.Edu>

The following appeared on rec.radio.swap // Jeff KH2PZ

jalex@easynet.co.uk wrote:

>Hi,
>
>I am researching the subject of signals interception up to and including
>WW II with the intention of giving talks to various groups in the
>community.
>
>To help with the talks, I wish to acquire an Enigma encryption /
>decryption machine as used by the German armed forces. Other devices
>such as the Hagelin M 209 (Swedish design, around 140,000 made within
>the USA for use after D Day) and the C.36 (as used by the French).
>
>If you have access to such devices or know of a source for them, would
>you please drop me a line via e-mail.

>
>Regards,
>
>John Alexander / G7GCK
>jalex@easynet.co.uk
>Leicester, England.

Date: Wed, 23 Jul 1997 16:45:03 -0400 (EDT)
From: JONWEINER@aol.com
To: boatanchors@theporch.com
Subject: RE URM-25D signal generator
Message-ID: <970723164500_916249456@emout17.mail.aol.com>

I have been using a URM-25D signal generator. The audio generator doesn't work. Since I have no info on this unit, I wonder if anyone can tell me which tube is the AF generator. Also, if there is a schematic to be had, I would appreciate it.

Thanks.
Jon, K1VVC

Date: 23 Jul 97 17:21:21 EDT
From: don merz <71333.144@CompuServe.COM>
To: <boatanchors@theporch.com>
Subject: Manuals, Cabinets WTB
Message-ID: <970723212121_71333.144_DHB51-2@CompuServe.COM>

Boatanchor Info and Manuals WANTED

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

WANTED

Manual copy or any info on the Curtis KB-4200 Morse Keyboard
Manual copy or any info on the Info-Tech M-3000 Morse Keyboard
Manual copy or any info on the Coletronics Socket Adapter for letting an older tube tester test modern compactrons, nuvistors, novars, etc.
Manual copy or any info on the RCA WA-54A Audio Oscillator
Manual copy for the Heathkit MT-1 Cheyenne transmitter, MR-1 Comanche receiver and the UT-1 power supply that powers these in a base

station configuration.

Cabinets without rust or unoriginal holes for the Hetahkit MT-1 Cheyenne transmitter and MR-1 Comanche receiver. These cabinets are almost identical but the MT-1 cabinet has some holes in the side that the MR-1 does not have. Cabinets with bad paint are okay--I will have them refinished.

Information: I picked up a set of headphones that are obviously 20's vintage. They are marked "WLS Special Headset 3000 Ohms." They have a cloth headband and cord that terminates in pin jacks. Could the "WLS" trademark be related to the radio station of that call? Anyone know anything about these?

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

Date: Wed, 23 Jul 1997 21:24:22 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: soundval@foothill.net, boatanchors@theporch.com
Subject: Re: "Gooney Bird/Box"????
Message-ID: <19970723212417.AAB25543@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:26 PM 7/23/97 +0000, you wrote:
>What Gonsets were known by the names "Gooney Bird"
>and "Gooney Box"?
>
>My understanding had been that the Gonsets with the
>square front faces, which had less depth than they
>were tall or wide, were called Gooney Birds.

Ah! Remember them well! The Gonset Communicator I's and II's with the "green eye" tuning indicator, were the ones known as Gooney Boxes or Gooney Birds. I, personally disliked the term "Gooney Bird" as this title should ONLY be used for another name for the famous Douglas DC-3 and C-47 aircraft!

Another name they were called was: "Green eyed monster", Green eyed box".

The Communicator was the first amateur VHF radio to utilize the famous 6BQ7 tube in a cascode RF amplifier configuration. (Other than the home-brewed ones) It revolutionized the VHF bands, especially 2 meters. It could be used, and was used by many in portable, mobile and fixed modes. The Civil Air Patrol used zillions

of them! I personally owned a Communicator I, II and a III at one time or another.

The coming of FM and "repeaters" eroded the cadre of AM 2 meter operation, and the use of SSB relegated the "Communicator" to the shelf or scrap heap.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes

RK-34(VT-224) tubes, Butternut HF2V antenna

Date: Wed, 23 Jul 1997 17:47:39 -0400 (EDT)

From: "Walter L. Marshall" <wmarshall@CapAccess.org>

To: boatanchors@theporch.com

Subject: More stuff FS

Message-ID: <Pine.SUN.3.91-FP.970723174527.7062A@cap1.capaccess.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear Gang,

Don't want to post another list, so please E-mail me for rather lengthy list.

Thanx,

Walter

Date: Wed, 23 Jul 97 18:06:33 -0700

From: dgnova <dgnova@erols.com>

To: boatanchors@sco.theporch.com

Subject: Re MAARC price spotting

Message-ID: <199707232206.SAA02582@smtp3.erols.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii

Re the SX-24 for \$135 and the SX-25 for \$145 at the MAARC meeting:

neither one was sold. The price is way to high

Philip McCoy dgnova@erols.com

Date: Wed, 23 Jul 1997 18:19:21 -0400 (EDT)
From: n4js@qsl.net
To: boatanchors@theporch.com
Subject: Viking Ranger Paint
Message-ID: <XFMail.970723182123.n4js@qsl.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

New guy on the list here. I am working on a rather beat up Viking Ranger. Does anyone have a suggestion as to matching paint for the case? (Kinda deep maroon).

Thanks,

Sent at 18:21:23 on 23-Jul-97

_ \ _ / _ _	John L. Sielke n4js@qsl.net n4js@amsat.org
. ' _ _ \ _ _ \	n4js@usa.net NJ Grid:FM29LN
_ \ _ _ \ _ _ / _ _ /	http://www.qsl.net/n4js
NE-QRP #507 G-QRP #9544	NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
	NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Wed, 23 Jul 1997 18:58:16 -0300
From: laffitte@prtc.net (laffitte)
To: boatanchors@theporch.com
Subject: SRR12 Note
Message-ID: <33D67E77.6731@prtc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi to all in the gang. Just a note to those that are tackling the SRR sets. Before you get the chassis in the cabinet, I recommend that you check the power input connector. I found that mine had been altered. Normally the A pin is the ground. For some reason mine was changed to B (B and C pins are the 115ac inputs). The power antenna and audio connectors are located in an easily removable back panel. It is removed from the inside but is very straight forward. Afterward to can remove the cover of the backpanel to access the connectors and filters. SRR12 and 13 are the same but checkout the SRR11.

I have one question. Is it true that the 4H4 ballast in the HR060 can

be substituted for a 6V6? What else can we use to eventually substitute all these ballasts?

TNX and Best 73s
Guido E. Santacana
BA collector in the tropics

Date: Wed, 23 Jul 1997 19:14:06 -0400 (EDT)
From: "Walter L. Marshall" <wmarshall@CapAccess.org>
To: boatanchors@theporch.com
Subject: I buy or you buy
Message-ID: <Pine.SUN.3.91-FP.970723191054.22062a-1000000@cap1.capaccess.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Need chassis and cord reel for 600 series T.O.,
or sell you a beautiful case with funky chassis.
May even be able to find knobs, which are lost in
the mess I call a radio room. Antenna good, has
Wavemagnet.

Tnx,
Walter

Date: Wed, 23 Jul 97 19:33:48 -0400
From: provero@connix.com
To: boatanchors@theporch.com
Subject: For BA, not all #55 are equal
Message-ID: <199707232344.TAA12424@comet.connix.com>

I've always thought that all Type 55 light bulbs (and #47, etc) were pretty much the same.

Au contraire.....

The *OLD* #55 bulbs in my SRR-13A have the filament right about at the center of the spherical portion of the globe. The package of *NEW* #55 bulbs, purchased from AES, all have the filament suspended about 3/4 of the way "up" in the globe.

Why does this make a difference? In the FRR/MRR/SRR series receivers, there is a projection mechanism. The light bulb has to be precisely aligned/centered in front of a small lense, which then shoots the light through a glass disk, off a mirror, and onto the projection screen on the front of the receiver. There are two adjustments for each of the

bulbs (main and spare) to control horizontal and vertical position. When the switch is turned from main to spare, the entire light assembly is shifted to move the spare bulb in front of the lense.

The new bulbs are different enough to require that the adjustments be made to their limits (one of the adjustment screws is less than a turn from coming out) to get just a fair projection. The one good old bulb can be adjusted to get an outstanding projection in either position.

Live and learn.....

P.J. "Josh" Rovero home: provero@connix.com
Meteorologist radio: KK1D
Oceanographer work: rovero@sonalysts.com
Curmudgeon-at-Large web: http://www.connix.com/~provero/

Date: Wed, 23 Jul 1997 20:58:53 EDT
From: kb5ww@juno.com (George Folse)
To: boatanchors@sco.theporch.com
Subject: Gonset G50 FS
Message-ID: <19970723.185116.7311.3.kb5ww@juno.com>

All,

I have a Gonset G 50 ex condition with manual \$120 + shipping, or trade for G28 in same condition.

Thanks,

George Folse KB5WWO kb5ww@juno.com
630 Dolhonde St.
Gretna,La.70053
504-362-1896 ph/fax
Collector of Heathkit,EF Johnson,and Atwater Kent AMI#937

End of BOATANCHORS Digest 1579
